

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: VE Workshop
Recommendations – ES
Prototype

ITEM NO.: 4C

PREPARED BY: Scott Horan, Executive
Director Planning &
Construction

MEETING: May 9, 2006

ACTION DATE: May 23, 2006

Andre A. Nougaret,
Assistant Superintendent
for Support Services

ACTION REQUESTED BY THE SUPERINTENDENT: That the School Board receive a summary of recommendations generated by the Elementary School (Single Story Moseley Prototype) Value Engineering (VE) Study and approve staff recommendations to incorporate selected recommendations into the Elementary School prototype design.

KEY POINTS:

1. In an effort to initiate further cost efficiencies within the district's prototypical school designs (elementary, middle and high school) staff has initiated value engineering studies. VE study on the middle school prototype was completed in 2004 and the study recommendations approved by the School Board in January 2005. VE studies for the elementary and high school prototypes were commissioned in January and February 2006.
2. Value engineering for a school construction project includes specific system (mechanical, electrical, building systems, etc.) reviews, including supporting cost estimating and analysis, with the goal of getting optimal project value. In other words, it aims to reduce costs without sacrificing important elements of our educational specifications for each school prototype design. The value engineering process is conducted using basic phases to include: Goal definition, information gathering, functional analysis, recommendations/proposal and follow-up or tracking of recommendations. When an independent value-engineering firm is conducting the review, the design team is included as well as key school administrative staff and other critical stakeholders.
3. On October 25, 2005, School Board approved the award of a VE study for the Elementary School prototype to URS of Richmond, Virginia. The VE workshop took place the week of February 6 - 10, 2006. The VE study team consisted of six (6) URS contracted members. The workshop included briefings from the architect of record (Moseley), tour of two (2) elementary schools with the design team, interview with the CES/ABES construction contractor and technical cross-flow from staff and the designers. On February 10, 2006 the VE team conducted an out-brief and presented their findings to staff and the architect of record.

4. After reviewing URS's VE team recommendations and consulting with the design team of record, staff recommends the attached VE team recommendations be implemented into the SCPS Elementary School prototype design.

SCHOOL BOARD GOAL: #5 – Provide facilities that promote student learning and and community support.

#7 – Provide school environments where teachers are safe to teach and students are safe to learn.

FUNDING SOURCE: N/A

AUTHORIZATION REFERENCE: Stafford County School Board Policy 4-32

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